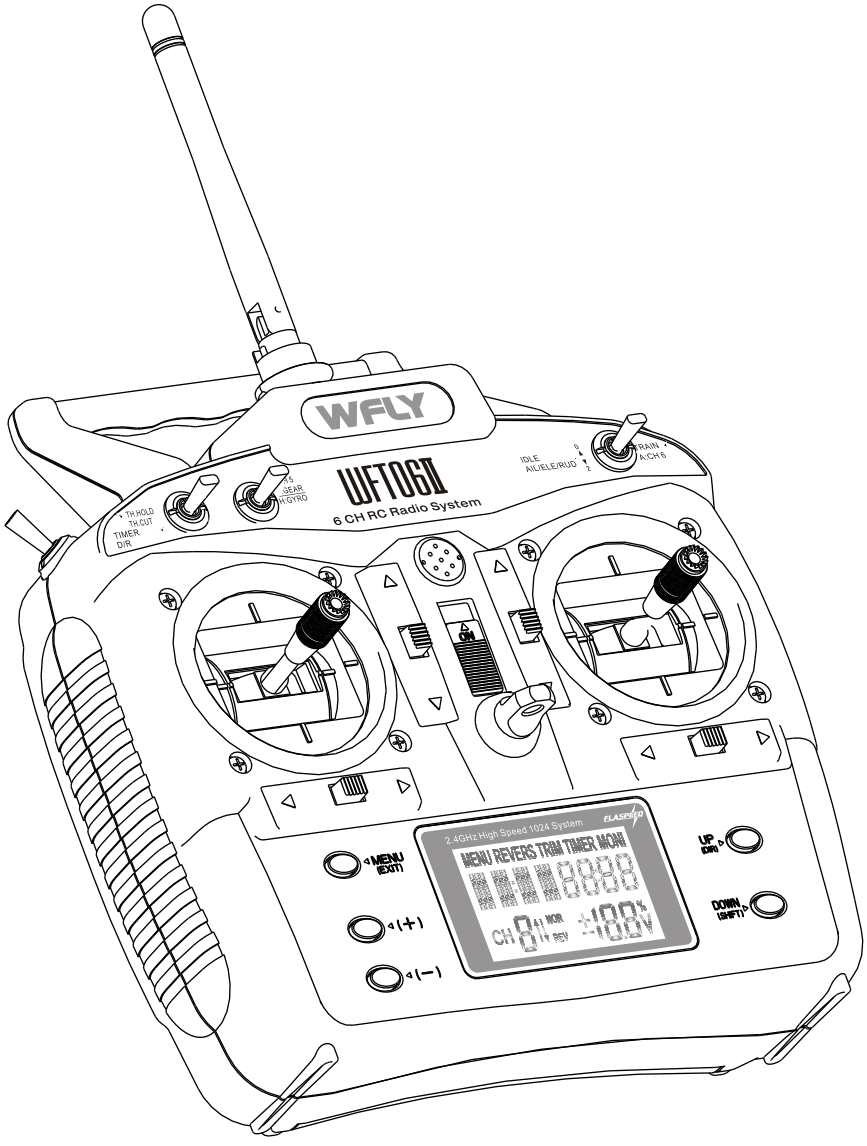
WFLY®

WFT06II

6-CHANNEL 2.4GHz COMPUTER RADIO SYSTEM

Instruction Manual



Preface

Vote of Thanks

Thank you for buying WFLY products. The WFLY300 is the latest technology in Rotary RC models. Please read this manual carefully before assembling and flying the new WFLY300 helicopter. We recommend that you keep this manual for future reference regarding tuning and maintenance.

THE MEANING OF SYMBOLS

	Mishandling due to failure to follow these instrudions may result in damage or i nj ury.
	Mishandl ing due to failure to follow these instrudions may result in danger.
	Do not attempt under any circumst ances.

Features

WFT06II Transmitter

Applicable for: Airplane, Helicopters, Cars, Boats
Frequency range: 2.400Ghz 2.438Ghz
Power: ≤ 100MW
Power voltage: 3.7~6.0V ≤ 190MA

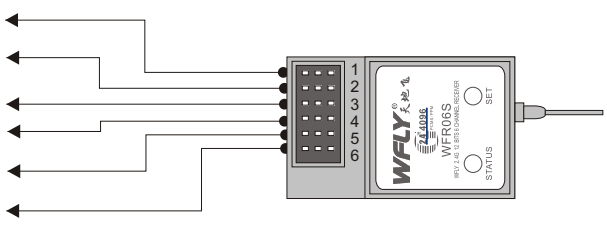
Great choice for entry level users
Dot-matrix and segment combo LCD panel
Big size LCD display
Native 2.4G Flaspeed technology. Direct drived from MCU to enable high speed control.
DSSS+frequency hopping system brings great anti-interference performance. 60 pcs of Wfly transmitters can be working together at the same time.
Low voltage design for less power consumption. Compatible with variety types of battery: Alkaline 4S, NIMH 4S, NICD 4S, LiPo 1S and etc. Voltage range between3.7~6.0V.
Digital trim setting with numeric display and sound notification.
8 groups of model data storage.
4 types of left-right hand modes available for selection
5 groups of curve setting, with 5 editing points for each curve.
Tons of control funtions for airplane and helicopters.

WFR06S 6 channel 2.4Ghz receiver

Applicable for: Airplane, helicopters, gliders, cars, boats
Frequency range: 2.400Ghz 2.438Ghz
Sensitivity: -97dBm quick signal recover
Fail safe protection
Ground control distance: over 700 meters
Decode: PPM/PCMS 1024 PCMS4096
Power supply:4.8~6V
Size 34.85 X 21 X 11.3mm
Weight:5.8g

Connecting the receiver

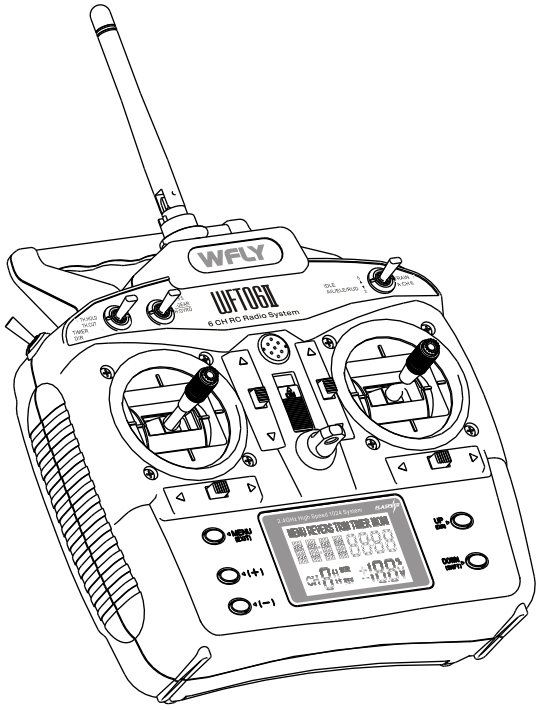
Number	Channel	For airplane	For helicopter
1	Ch1	Aileron	Aileron
2	CH2	Elevator	Elevator
3	CH3	Throttle	Throttle
4	CH4	Rudder	Rudder
5	CH5	Lading Gear	Gyro
6	CH6	Flap	Pitch



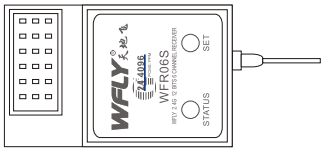
Product Configuration

Caution

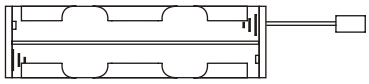
Please carefully check the content accessories with below check list. Contact your retailer for help if something is missing



WFT06II Transmitter

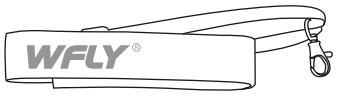


WFR06S Receiver

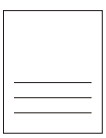


Battery compartment

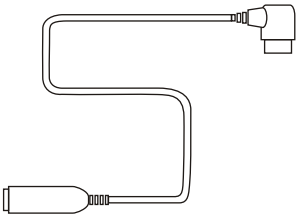
User manual



Neck Strap



Warranty card



Simulator cable

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FLYING SAFETY WARNINGS

Special Symbol Instruction

To use the product safely, please pay attention to the instruction as follows.
Please pay special attention to the symbol as follows:

Dangers：If you use it without proper operation, it is possible to hurt you seriously or may even cause death.

Warnings：If you use it without proper operation, it may make you or others to hurt badly or may even cause death, and it may cause slight hurt or damage to things.

Notices：If you use it without proper operation, it may cause you to hurt slightly or damage things , but it won't hurt you seriously normally.

Notices：Children under 14 must be accompanied and instructed by adults!

Notices: Turn on the transmitter first, then the receiver. When turning off the system, turn off the receiver first, then the transmitter.

Notices: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

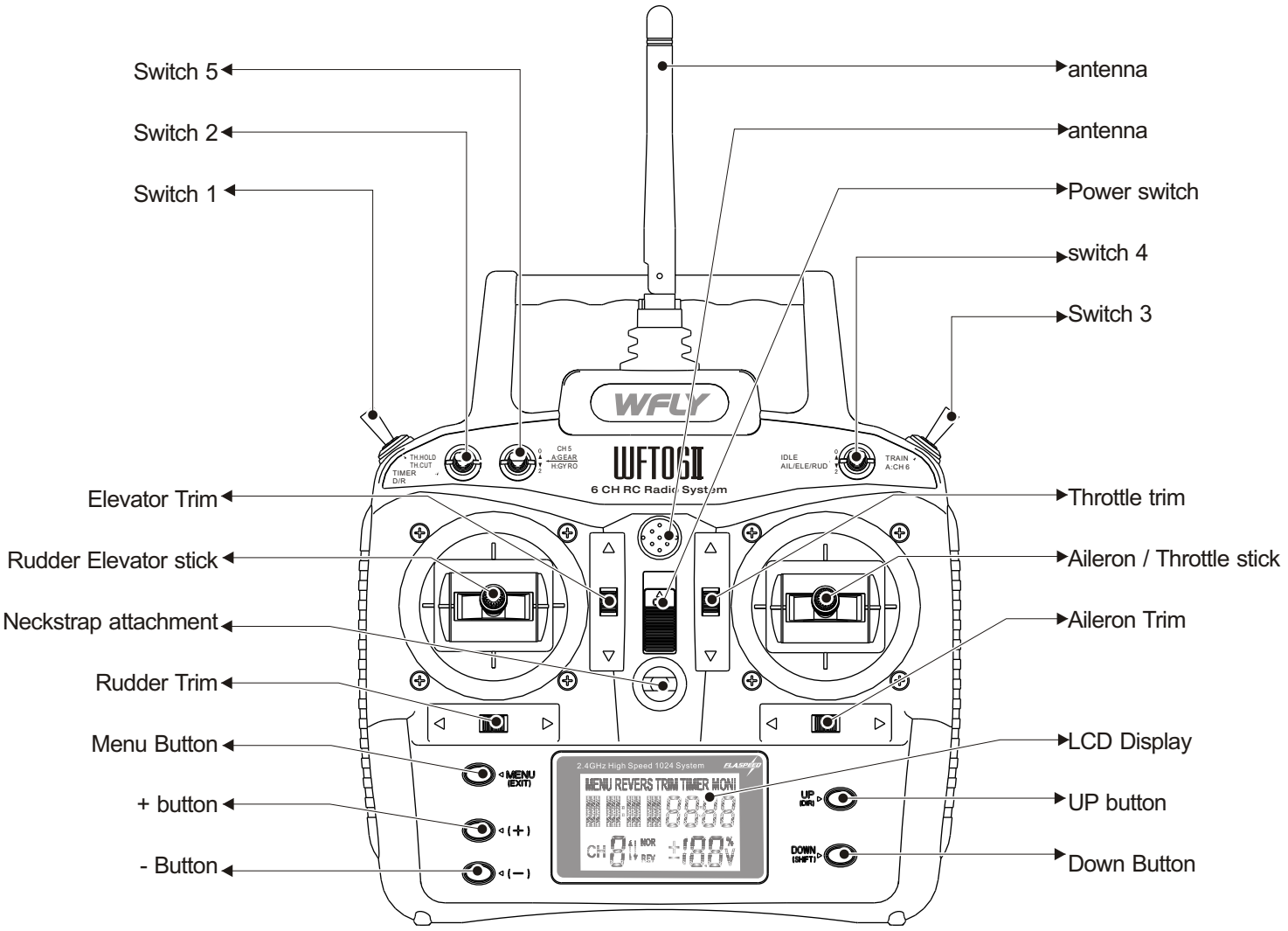
Flying Notice(warning)

Do not fly at night , in rain day ,or in strong wind, which will damage the device or plane. This device is not water-proof.

Please check every servo works properly and eliminate any disturbing signals before you play it.

Product view

Front view



Switch description

Switch 1：Throttle hod on the middle postion. Throttle cut on the upper position

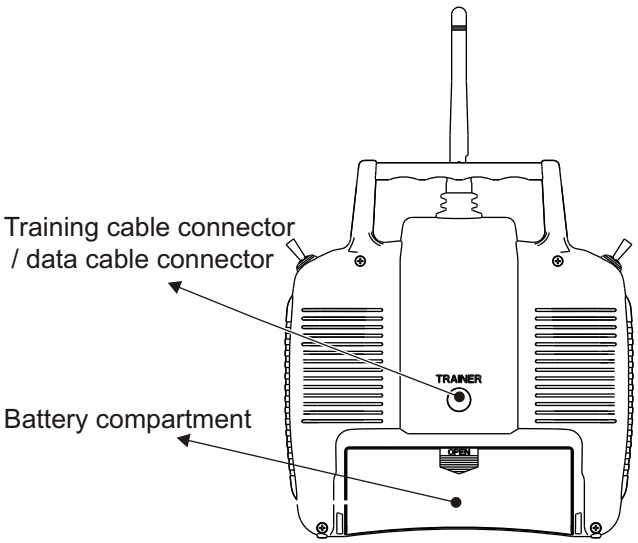
Switch 2: Timer on the middle position. D/R on the upper position

Switch 3: Training mode, Flaperon on Airplane mode

Switch 4: Flying mode (Normal, Idel). Elevator-Flaperon mix for airplane

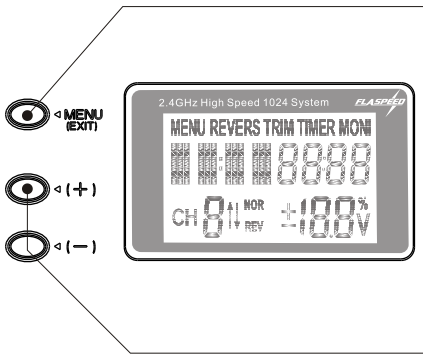
Switch 5: Channel 5 for Landing gear, Gyro for helicopters

Back View



Basic operation

Edit buttons



Menu Button: Power on to enter stand by interface.

Press and hold Menu button, enter system setting interface. In the system setting interface, press menu to switch to the next function setting. Press and hold the menu button to retun to stand by interface.

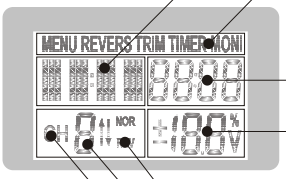
Up button: change the editing value towards positive direction

Down button: change the editing value towards negative direction

\+ button: to edit parameters. Press and hold the + button to speedly increase the value. You can also press and hold the + button to confirm settings under specific function.

\- Button: to edit parameters. Press and hold the - button to speedly increase the value.

Display interface



Item this area displays the item under operation or editing.

Menu this area displays the menu under operation

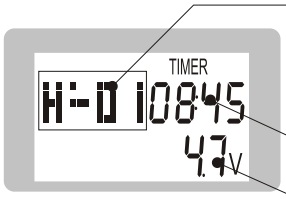
Number/Time This area is for item number or timer

Value： display setting parameters

Parameters this area displays the parameters under operation or editing

Reverse display reverse setting status. NOR for normal and REV for reverse

Channel / Switch this area show the channel or switch being adjusted.

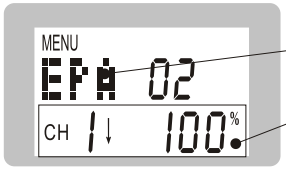


Model Number: stand by display item. H-01 means the no.1 helicopters A-06 means No. 6 airplanes.

Funtion description: function discription display.

Timer: display stanby time

Voltage: display battery voltage



Setting item: displays the item name

Setting area: displays the setting parameter

Percentage: displays the parameter (percentage) positive/negative and value.

Negative/positive: ↑ for positive ↓for negative

Value： display setting parameters

Basic operation

Basic operation

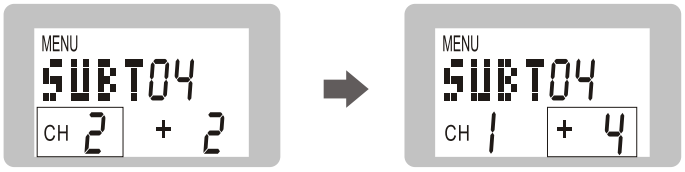
When you want to browse or change a current setting of the transmitter, please follow the procedure as below,

1, press and hold menu button for 1 second to enter setting mode, the screen will show Menu REVR01

Initial interface Parameter setting mode Sub trim mode

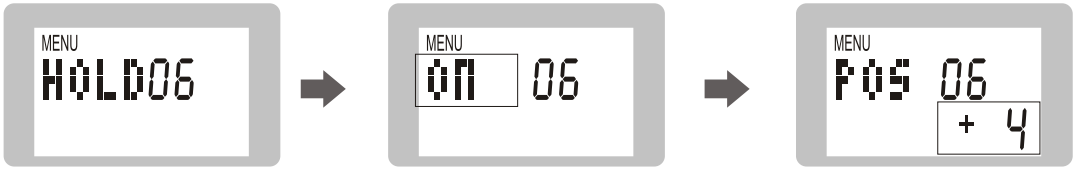
2, Press Menu button, Item name will be changed according to the sequence, press until your intented option being displayed. Eg. SUBT04 for sub trim. Description is SUBT menu sequence is 04;

3, Press UP/Down button to select the item to be edited, eg. CH2 channel value.



4, press +/- button to change the value

5, When changing the value under HOLD or CUT items, you need to press +/- button to activate the current setting. (display ON) before you can use UP/DOWN button to switch between edit items, then use +/- button to set your value.



6, Press Menu button to save after successfully changed the value and exit the current interface.

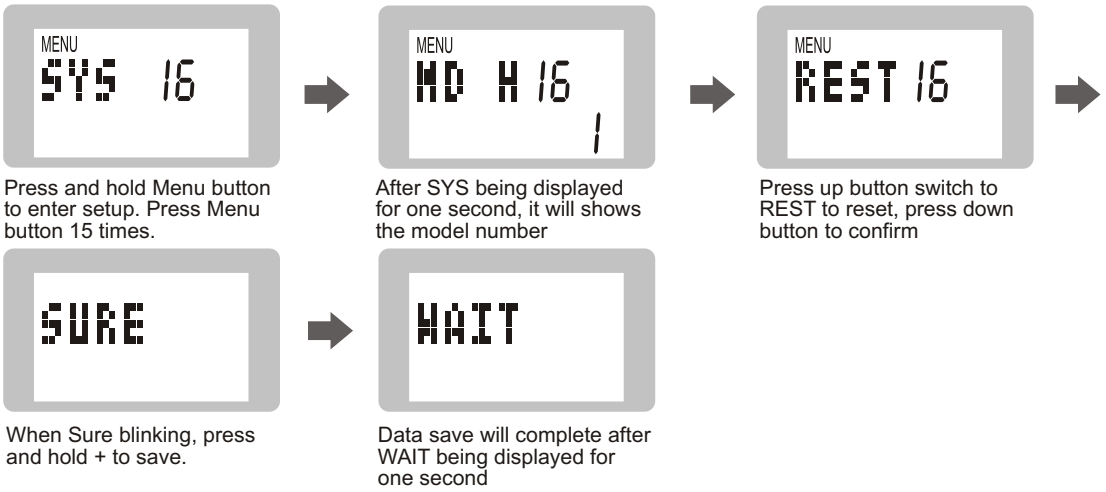
Caution

Caution Data will NOT be saved if you didn't press menu button to save and exit

Caution

Caution: The funtion of the transmitter are displayed in order, please read the setting instructions before creat your model data. (read the instructions carefully if you don't know how to use the mix function)

A Factory default



Press and hold Menu button to enter setup. Press Menu button 15 times.

After SYS being displayed for one second, it will shows the model number

Press up button switch to REST to reset, press down button to confirm

When Sure blinking, press and hold + to save.

Data save will complete after WAIT being displayed for one second

●Menu display: SYS16 (helicopter mode) - REST

●Function: SYS REST

●Function description: return to factory default setting. The default setting might be modified during retailler's demostration. Use this function to return to factory default settings.

●Setting method :

1Press and hold Menu button to enter setup. Press Menu button 15 times, till SYS 16 Being displayed.

2 When MD H dsiplayed press up button switch to REST to return factory default setting

3 press down button to confirm, when Sure blinking, press and hold + to save. Press other button to cancel edit.

B select mode number

Press +/- to select mode number. The transmitter can save upto 8 model data

Press +/- to select mode number. The transmitter can save upto 8 model data

Press down button to confirm change, press and hold + button to save

●Menu display: SYS16 Helicopters Mode - MD H / MD A

●Function: System parameter helicopter mode / Airplane mode

●Function description: when you have multiple models need to be used with this transmitter, choose the pre-saved data can let you easily choose the data, don't have to set the parameters every time. This transmeter can save up to 8 modle data with individule number for option.

●Setting method :

1 Press and hold Menu to enter system setting mode, press menu button 15 times until it shows SYS16;

2 when MD H or MD A being displayed, press+/- to change to your model number.

3 press down button to confirm, SURE will be shown during saving, press and hold + to save. Press any other button to cancel edit.

C- choosing model

Under SYS16 Press Up button switch to Model selection.

Press +/- to select Heli

ACRO means airplane

●Menu display: SYS 16 (helicopter mode) - HELI/ACRO

●Funtion: Model parameter model selection

●Funtion description: This transmitter support helicopters and airplane, you can select according to your model.

●Setting method:

1 press and hold Menu to enter parameter setting mode, press Menu button 15 times, till SYS 16 being displayed.

2 When MD H or MD A shown, press UP to choose model, Helicopter or Airplane, Press +/- to switch to your model wanted.

3 Press down button to confirm operation, SURE will be shown during saving, press and hold +button to save the change, press any other button to cancel edit.

D Choose Battery mode

Press MENU to NO.17

Press UP/DOWN to select

Press + to save

●Menu display: BAT 17 (Helicopter mode) - LI /NOR /NIMH

●Function: Battery mode - LI /NIMH

●Function description: This transmitter support multiple battery types. E.g. NOR for Alkaline 4S, NIHM/NICD 4S, LIPO/Lith 1S. Different type of batteries have different low voltage alarm value. Using correct battery mode will extent the battery life.

Caution! Support voltage from 3.7~6.0V

●Setting method:

1, Press MENU to enter BAT battery type BAT 17

2, Press UP/DOWN switch between different types

3, Press and hold + button to confirm and save the setting.

E Training/Simulator

●Menu display: TRSI 18 (Helicopter mode) NOR / TRA / SIMU

●Function: Training / Simulator Normal/Training mode / Simulator mode

●Function description:

1 NOR: Normal mode, RF 2.4Ghz working normally, can not work as a trainer but can be work as a trainee.

2 TRA: when this transmitter work as a trainer, the other transmitter work as a trainee through a training cable. Using together with the training switch, the trainer is active when the switch disabled, when the training switch is working, the trainee will be the activate transmitter.

3 SIMU: the RF2.4G will be shut off in order for connect with other transmitter or connect to the computer for simulation training. Shutting the RF off will significantly increase the battery life.

●Setting method:

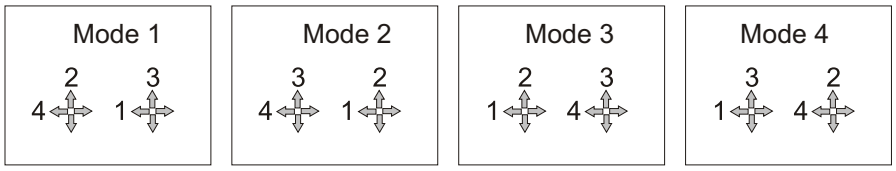
1, press and hold Menu button to enter TRSI, displayed as TRSI 18

2, When NOR/TRA/SIMU being displayed, press UP/DOWN to switch to the mode you need

3, Press and hold + button to confirm and save, press any other button to cancel the setting.

F STICK setting

1--Aileron
2--Elevator
3--Throttle
4--Rudder



●Menu display: STK 19 (Helicopter mode) - 1,2,3,4

●Function: Stick setting Mode1 mode2 mode 3 mode 4

●Function description: Stick setting will let the user to set the stick according to their habit. There are 4 different modes for option. If the transmitter has preset mode, please do not change by your own.

●Setting method:

1, press menu to enter STK, display STK19

2, Press UP/DOWN to switch to the mode you need

3, Press and hold + button to confirm and save the setting, press any other keys to cancel the setting.

G Stick calibration

●Menu display: CALI 20 (helicopter mode) CENT /LOW/ HIGH /OK/ERR

●Function: Stick Calibration- center position/ low position/ high position/ OK/ Error

●Function description: Stick calibration can be used to calibrate the stick after changing the stick mode.

●Setting method:

1, press menu to enter CALI, displayed CALI 20 for 1 second, and then CENT will be shown

2, press +/- button to switch to the channel need to be calibrated, e.g. CH1

3, when CENT displayed, Put the corresponding stick to the Center position, press Down button to confirm and enter to the LOW Calibration, Push the stick to the left (Throttle and elevator to the bottom, Aileron and rudder to the left side) Press down button to confirm and enter the HIGH calibration (Throttle and elevator to the top, Aileron and rudder to the right side), press down button again, OK being displayed means the calibration was successfully completed, if ERR being displayed, it means the calibration was fail and please redo the process again.

4, repeat the process of step 2, 3 to complete the calibration for other channels.

5, The value will be displayed as -100% when the stick push to the bottom, displayed 0% on the center, displayed as +100% when pushed to the top.

6,press menu button to save and exit after calibration successfully completed.

H- Coding

●Menu display: COD 21 (helicopter mode)

●Function: Coding

●Function description: this transmitter is 2.4G DSSS+hopping system, with high anti-interference performance. It is assigned with unique Address code, you need to coding with the compatible 2.4G receivers.

Caution: when the transmitter in Simulator mode, the screen display OFF, coding function is disabled.

●Setting method:

1, press Menu to enter COD

2, Press and hold + button to start coding. Coding process need to be completed in short distance. Coding function is not active when 2.4G module being shut off. Please refer to TRSI training and simulator setting. The screen will back to stand by mode after coding successfully complete. You can also press and hold Menu button to exit.

Warning: Do not use the transmitter during coding process.

I Fail safe protection

●Menu display: F'S 22 (helicopter mode)

●Function: Fail safe

●Function description: This function is to protect the servo when the receiver disconnected with the transmitter, the receiver will hold the servo in the current position or back to the preset position.

●Setting method:

1,press menu to enter F'S 22 Fail safe. When transmitter setting is TRSI, will display off. And the fail safe function is shut off.

2, press up/down button to select channel every channel can be set individually. Servo will first move to preset position. If the channel setting was in KEEP mode, the server will remain the last active position.

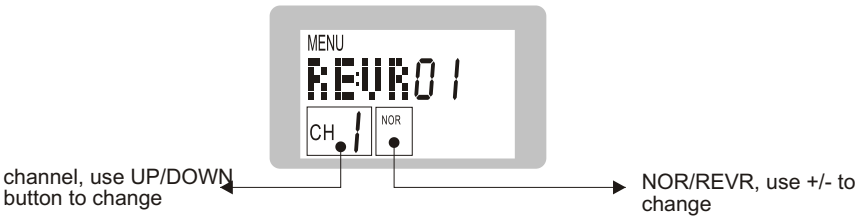
3, for safety consideration, throttle production setting is -150%, the motor will stop running when the transmitter turns off. When throttle protection set to KEEP mode, please push the throttle stick to the bottom before shutting off the transmitter. Please refer to the program setting procedure. Press down button to switch to KEEP or preset mode. Press Menu button to save and exit after complete.

Helicopter

01	**REVR**	Reverse	----------->>	15
02	**EPA**	EPA setting	----------->>	15
03	**D/R**	D/R setting	----------->>	16
04	**SUBT**	Sub Trim	----------->>	17
05	**TSTP**	Trim Step	----------->>	17
06	**HOLD**	Throttle Hold	----------->>	18
07	**CUT**	Throttle cut	----------->>	18
08	**TIME**	Timer	----------->>	19
09	**NTH**	Normal throttle curve	----------->>	19
10	**ITH**	Idle throttle curve	----------->>	20
11	**SWSH**	Swash	----------->>	20
12	**GYO**	GYRO	----------->>	21
13	**NPI**	Normal pitch curve	----------->>	21
14	**IPI**	Idle pitch curve	----------->>	22
15	**HPI**	Hold pitch curve	----------->>	22
16	**SYS**	System setting	----------->>	23
17	**BAT**	Battery mode	----------->>	23
18	**TRSI**	Training / simulator mode	----------->>	23
19	**STK**	Stick setting	----------->>	23
20	**CALI**	Stick calibration	----------->>	23
21	**COD**	Coding	----------->>	23
22	**F' S**	Fail safe	----------->>	23

Helicopter

01-REVR



●Function description

Reverse setting function can be used to adjust the action direction of the channel, change the direction from normal to reverse.

For Helicopters, please set the servo's direction before setting other parameters.

For Airplane and gliders, please set the servo's direction after other parameters being adjusted.

●Setting methods

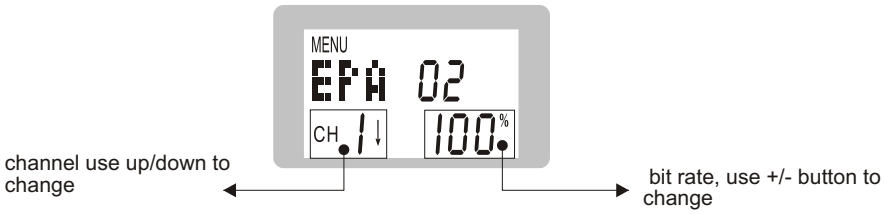
1, after power on, press and hold menu to enter setting, displayed REVR01

2, press UP/DOWN button to select the CH you need

3, Press+/- to adjust Nor or REV

4, press and hold Menu to exit or press menu to switch to the next item.

02- EPA



Caution

Caution: Change EPA setting will also change de D/R Value. User need to set the EPA before D/R value. The preset D/R value will be changed during EPA setting.

●Function description

Using this function to set the individual servo's travel on a specific direction without affecting the other. The value can be adjusted in between 0% to 150%. The smaller the value is, the shorter the travel distance, and vice versa. When the servo's setting on a specific direction is 0%, the servo will not move on that direction.

e.g. set the highest value of the throttle to avoid Carburetor overrun. Set the lowest value to choose the proper Carburetor closing point.

●Setting method:

↓means the EPA negative ↑means the EPA positive

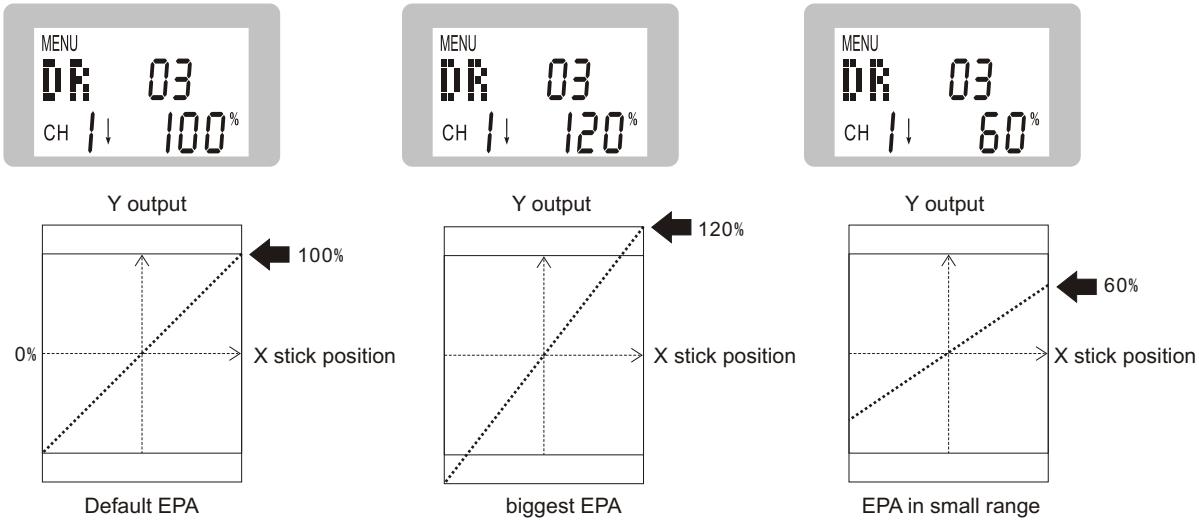
1, press and hold Menu button to enter setting mode after power on, shows EPA 02

2, press UP/Down to select the channel need to be adjusted

3, press +/- to change the value

4, press and hold menu button to exit setting or press menu button switch to next setting.

03-D/R/EXPO



●Function description

Both this two functions are to set 2 different value and use specific switch to activate. DR is using on Aileron elevator and rudder's control ratio, the bigger the ration, the greater the action. The greater action is suitable for maneuver. Smaller action is suitable for those with precise requirements. This function normally being adjusted after EPA setting with largest travel distance.

Parameter setting is through the change of the curve and parameters, to allow different sensitivity of the control stick during the center point and the end point. Default value 0 means they have the same sensitivity, the greater the value is, the sensitive on the end point and thus the more precise the action is and Vice versa

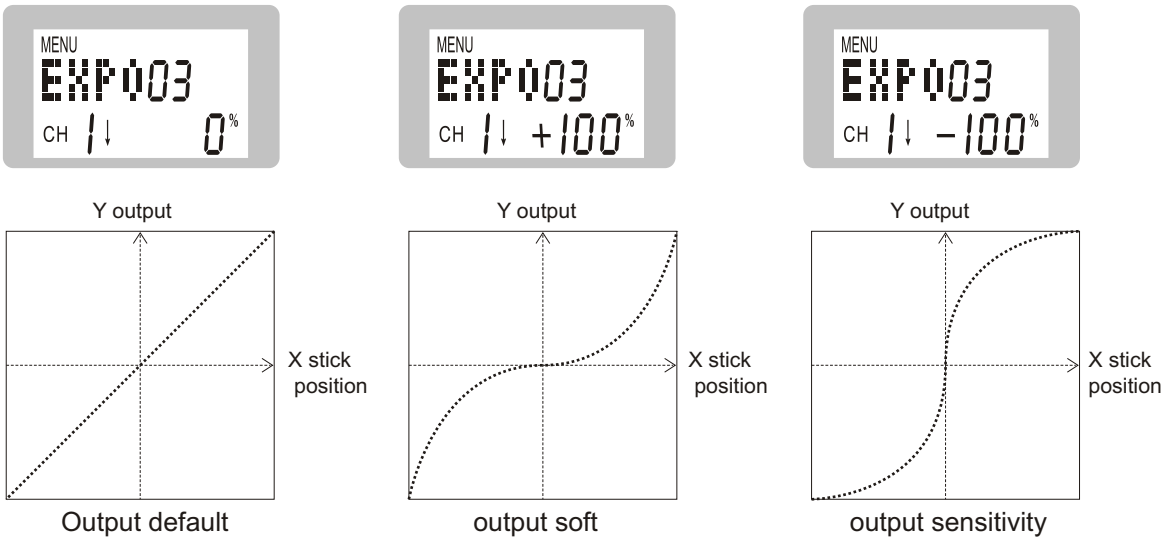
●Setting method

1, Select DR 03 under setting mode

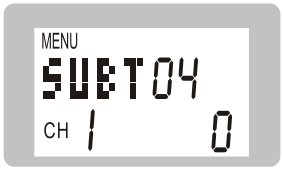
2, press UP/DOWN select DR 1/2/3/4/ setting or EXPO 1/2/3/4/setting.

3, press +/- to adjust the ratio, switch D/R 1/2 to choose switch position.

4, press and hold Menu to exit or press menu to switch to next item.



04- SUBT sub trim



●Function description:

When the trim setting is not able to achieve the necessary setting, use can use this function to further adjust the value. Please put all the TRIM in the center position to use Sub trim function.

●Setting method

1, choose SUBT 04 under setting mode

2, press UP/Down to select the CH need to be adjusted

3 press +/- button to adjust the value

4, press and hold Menu to exit or press menu to switch to next item.

05 TSTP TRIM STEP

●Function description:

TRIM Step is to set the sensitivity of the trim setting by setting the step of the TRIM. The value range is from 1 to 20.

●Setting method

1, Choose TSTP 06 under the setting mode

2, press UP/DOWN to choose the channel you want to set

3, Press +/- to adjust the value

4, press and hold Menu to exit or press menu to switch to next item

06- HOLD Throttle hold

●Function description:

During landing, use throttle hold function to fix the throttle at a low level. The range of the throttle normally set between -75% to +75%. For safety reason, when tuning the plane or helicopter on the ground, the throttle POS need to be set to -75%, and hold the throttle, to avoid any mis-operation.

●Setting method:

When the setting active, use +/- button change INH (inhibit) into ON/OFF. Under this situation, when the switch pushes to ON or OFF, the screen will display accordingly.

1, select HOLD 06 under setting mode

2, press +/- button to change status, press UP/DOWN button to set the throttle position (POS).

3, press and hold Menu to exit or press menu to switch to next item.

07 CUT throttle cut

●Function description

Throttle cut means after flying to turn off the engine. It is controlled by a switch. Active this function and the engine will stop running when the switch turns on.

●Setting method

1. select CUT 07 under setting mode
2. press +/- to adjust the status, push up/down button to set the position POS and RATE.
3. Press and hold Menu to exit or press menu to switch to next item.

08 Time (timer)

●Function description:

Timer is to allow the transmitter to alarm before your plane or helicopter exhaust the power.

The largest setting is 99 minutes and 59 seconds

Control method: timer ON/OFF, Throttle upper limit, throttle lower limit.

Setting, TM to set minutes, TS for second, SW for switch control, THR↑for throttle upper limit, THR↓ for throttle lower limit. POS for throttle position.

When timer reach 0, will beep for notification. If you don't turn off the timer, then it will beep every minutes.

●Setting method:

1, select TIME 08 under setting mode

2, press UP/DOWN select position, press +/- to change value

3, Press and hold Menu to exit or press menu to switch to next item.

09 N TH (Normal throttle curve)

●Function description:

Throttle curve is a curve with 5 editable points. It divided the throttle control into 5 areas. The editable value range for the points is from 0 to 100%. In default situation 5 points can reach the throttle ration as shown on picture 1. picture 2 is change the fifth point to 80%, when the stick in the range of 4/5 to 5/5. throttle raising slowly and the max value is 80%.

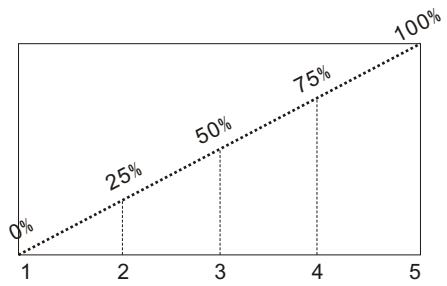
Through the adjustment of the throttle curve, can optimize the stick position with the engine output. The adjustment of the throttle curve need to be adjusted together with the pitch curve (refer to NPI section) which allows the main RPM of the rotor can be maintained with the control stick moving.

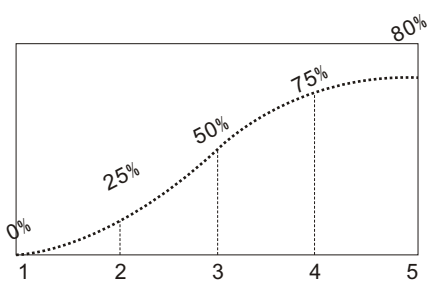
●Setting method

1, select N TH 09 under setting mode

2, Press UP/DOWN to choose position, press +/- to change value

3, Press and hold Menu to exit or press menu to switch to next item.





10- I TH (Idle throttle curve)

●Function description

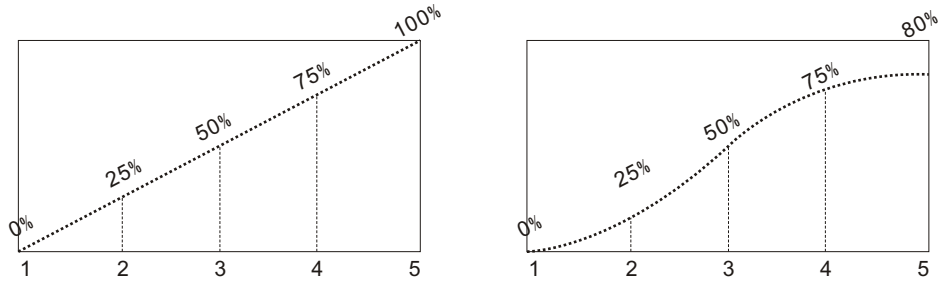
NTH Normal Throttle curve and ITH idle throttle curve are for different situation. NTH is for normal situation, ITH is for IDLE situation. Switch K4 on the upper situation is for IDLE on the lower position is for Normal situation.

●Setting method

1, select ITH 10 under setting mode

2 press UP/DOWN to select position, press +/- to change value

3, Press and hold Menu to exit or press menu to switch to next item



11- SWAH (Swash)

●Function description

Swash function is to adjust AIL, ELE PIT when selecting swash.

●Setting method: refer to basic process. When parameter is 1, normal mode, no swash supported. Swash mode is activated when Parameter is 3. Use +/- button to change value.

1, select SWAH 11 under setting mode

2, press UP/down to select position, press +/- change value

3, Press and hold Menu to exit or press menu to switch to next item

12 GYRO Sensitivity mix

●Function description

This function can be used to adjust the sensitivity of the gyro.

3 modes available in this transmitter, normal, Idle, Hold. The Gyro has the same 3 modes respectively. The greater the ratio is, the more sensitive the gyro, and vice versa.

When the servo is shaking or vibrating, that means the gyro sensitivity is too high, try to lower the sensitivity till the servo back to normal.

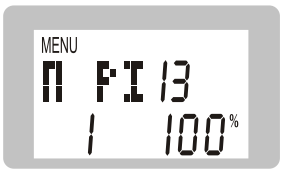
●Setting method

1, select EYO 12 under setting mode

2, use +/- button to turn the function on/off, press up/down button to select flying mode, press +/- button to change the value.

3, Press and hold Menu to exit or press menu to switch to next item

13 NPI （normal pitch curve）



●Function description

Pitch curve is a curve with 5 editable points. With the adjustment of the pitch curve, can optimize the control stick with flying performance. Editable value range is between 0~100%. The adjustment of the pitch curve need to be used combined with throttle curve which allows the main RPM of the rotor can be maintained with the control stick moving.

●Setting method

1, choose NPI 13 under setting mode

2, Press UP/DOWN to select position, press +/- to change value

3, Press and hold Menu to exit or press menu to switch to next item

14 IPI Idle pitch curve

●Function description

Use this function to set the pitch curve for idle flying. The curve has 5 editable points. When idle mode is active, the idle pitch curve will optimize the engine and rotor's output. The editable value range is between 0 ~100%. Do not set the highest value over the max value that corresponding to the max engine RPM value. Normally we set to one step smaller. The minimum pitch will base on the maneuver's specific requirement.

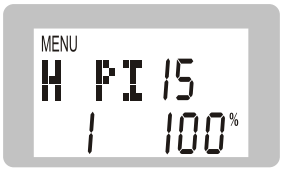
●Setting method:

1, choose IPI 14 under setting mode

2, press up/down to choose position, press +/- to adjust the value

3, Press and hold Menu to exit or press menu to switch to next item

15 HPI (throttle hold Pitch curve)



●Function description

This function is to set the pitch curve when the throttle being held.

●Setting method

1, select H PI 15 under setting mode

2, press UP/DOWN to select position, press +/- to change the value

3, Press and hold Menu to exit or press menu to switch to next item

16-SYS【system settings】

●Please refer to page 11

17-BAT【Battery mode】

●Please refer to page 11

18-TRSI【Training and simulator】

●Please refer to page 12

19-STK【Stick Mode (Left right hand)】

●Please refer to page 12

20-CAIL【Stick Calibration】

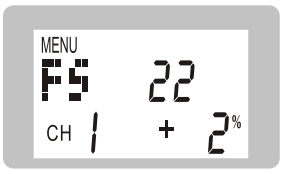
●Please refer to page 12

21-COD【Coding】

●Please refer to page 13

22-F' S【Fail safe setting】

●Please refer to page 13



Airplane setting menu introduction

01	**REVR**	Reverse setting	----------->>	25
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03	**D/R**	DR setting	----------->>	25
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05	**TSTP**	Trim step setting	----------->>	25
06	**HOLD**	Throttle hold	----------->>	25
07	**CUT**	Throttle cut	----------->>	25
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19	**TRSI**	Training / simulator	----------->>	29
20	**STK**	Stick setting (left right hand)	----------->>	29
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Airplane

01-REVR【reverse setting】

●Please refer to page 15

02-EPA【EPA setting】

●Please refer to page 15

03-D/R【D/R setting】

●Please refer to page 16

04-SUBT【SUB trim】

●Please refer to page 17

05-TSTP【Trim step】

●Please refer to page 17

06-HOLD【Throttle hold】

●Please refer to page 18

07-CUT【throttle cut】

●Please refer to page 18

08-TIME【timer】

●Please refer to page 19

09-NTH【Normal throttle curve】

●Please refer to page 19

10- FLER (Flap aileron mix control)

●Function description

This function is to for aileron to act like flaperon even using two servos on aileron. Due to flaperon, aileron can move up or down accordingly. Aileron differential can also be achieved.

AIL 1 ↓ aileron 1 down; Ail1 aileron 1 up; Ail2 aileron 2 down; AIL2 aileron2 UP; FLP1 Flap 1; FLP2 FLAP 2.

●Setting method

1, select FLER 10 under setting mode

2, press +/- button to switch between ON/OFF, press UP/DOWN to choose the position, press +/- to change value.

3, Press and hold Menu to exit or press menu to switch to next item

Caution

Caution:Elevator aileron, V tail mix, elevator mix can not be operated together at the same time. Elevator, Flap aileron mix and aileron differential can only be operate one function each time. WARN will be displayed when those are activated together. Please turn off the rest before using it.

11-FTRM Flaperon trim

●Function description

Use this function to adjust the center point of flaperon aileron mix.

●Setting method

1, select FTRM 11 under setting mode

2, press +/- button to switch between ON/OFF, press UP/DOWN to choose the position, press +/- to change value.

3, Press and hold Menu to exit or press menu to switch to next item

12 ADIF aileron differential

●Function description

This function is to use to make differential for the aileron on both sides when using 2 servos.

AIL1 ↓ Aileron 1 down AIL1 ↑ Aileron 1 up AIL2 ↓ aileron 2 down AIL2 ↑ AILERON2 up

When turning using aileron, you will need more aileron travel on up direction.

●Setting method

1, select ADIF 12 under setting mode

2, press +/- button to switch between ON/OFF, press UP/DOWN to choose the position, press +/- to change value.

3, Press and hold Menu to exit or press menu to switch to next item

●About Flap-aileron mix and aileron differential

You need to choose one mode which is more suitable for yourself. If you would like to let the aileron work just like flaperon, you will better choose FLER. If you have 2 aileron servos and 2 flaperon servos, ADIF will be a better choice.

13. ELFL Elevator Flaperon mix

●Function description

This function is for flaperon and elevator can act respectively. In any situation, the move of elevator will lead to the raise or down of flaperon, in order for better performance on idle maneuver. Most of the time when elevator goes up, flap goes down. Use the switch to control this function.

RATE ↑ Flaperon upper travel mix rate RATE ↓ Flaperon lower travel mix rate

●Setting method

1, select ELFL 13 under setting mode

2, press +/- button to switch between ON/OFF, press UP/DOWN to choose the position, press +/- to change value.

3, Press and hold Menu to exit or press menu to switch to next item

14 ELEV elevator

●Function description

This function is for the combination of elevator and aileron, allow the use of delta-wing, Guts-wing, and ailless aircraft. User can adjust the aileron and elevator separately.

AIL1 ↓ aileron 1 down AIL1 ↑ aileron 1 up, AIL2 ↓ aileron 2 down, AIL2 ↑ Aileron2 UP ELE1 Elevator 1 ELE2 elevator 2

●Setting method,

1, select ELEV 14 under setting mode

2, press +/- button to switch between ON/OFF, press UP/DOWN to choose the position, press +/- to change value.

3, Press and hold Menu to exit or press menu to switch to next item

15-AILV Elevator-Aileron mix

●Function description

This function is to control elevator by one servo, and combine the elevator and aileron's function in together. Due to the affect from the aileron, elevator and aileron will act in opposite direction.

AIL3 aileron 3 travel ELE1 elevator 1

●Setting method

1, select AILV 15 under setting mode

2, press +/- button to switch between ON/OFF, press UP/DOWN to choose the position, press +/- to change value.

3, Press and hold Menu to exit or press menu to switch to next item

16 VTAL (v tail mix control)

●Function description

This function is to combine the function of elevator and rudder when using v tail airplane. The travel of elevator and rudder can be adjusted independently.

ELE1 elevator 1 ELE2 elevator 2 RUD1 rudder1 RUD2 rudder 2

●Setting method:

1, select VTAL16 under setting mode

2, press +/- button to switch between ON/OFF, press UP/DOWN to choose the position, press +/- to change value.

3, Press and hold Menu to exit or press menu to switch to next item

17-SYS【system setting】

●please refer to page 11. NOTE: Item order could be different

18-BAT【Battery mode】

●please refer to page 11.

19-TRSI【Training / simulator】

●please refer to page 12

20-STK【Stick setting (left right hand)】

●please refer to page 12

21-CAIL【Stick calibration】

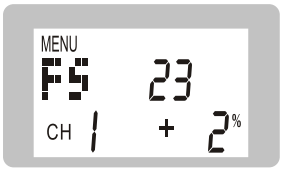
●please refer to page 12

22-COD【Coding】

●please refer to page 13

23-F' S【Fail safe】

●please refer to page 13



24 - DELY Lading gear delay.

●Function description

This function is to set the delay of the landing gear of a airplane. The parameter can be adjusted between 0~100, which is 0~5 seconds accordingly. 0 means no delay, 1 means 50ms delay and so forth. The delay will be 5 seconds with set to 100.

●Setting method:

1, select DELY 24 under setting mode.

2, press +/- to change value.

3, press and hold menu to exit or press menu to switch to next item.

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